

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0014] as indicated below:

[0014] ~~The present invention incorporates QoS mechanisms, fine-grain mapping, statistical data collection systems, redundancy~~ The present invention incorporates QoS mechanisms, fine-grain mapping, statistical data collection systems, redundancy requirements, performance measurements, and statistical analysis algorithms to provide a means for predicting volume profiles and dynamically reconfiguring those profiles for optimum performance in a networked storage system.

Please amend paragraph [0030] as indicated below:

[0030] In this step, a statistical data collection system begins to gather volume statistics, i.e., information related to host commands. The information may include, for example, total number of read sectors, total number of write sectors, total number of read commands, total number of write commands, and system latency time associated with each read and write command. In one exemplary embodiment, the information is recorded in an I/O density histogram. An exemplary I/O density histogram is illustrated in Fig. 4. In one exemplary embodiment, the statistical collection system is the one which is described in U.S. Application Publication No. 2005/0050269, a ~~U.S. Application Serial No. 10/_____ (Attorney Docket A7995.0012/P012)~~, filed November 17, 2003, entitled "METHOD OF COLLECTING AND TALLYING OPERATIONAL DATA USING AN INTEGRATED I/O CONTROLLER IN REAL TIME," which is hereby incorporated by reference in its entirety.